

DREDGING NOTICE  
U.S. ARMY CORPS OF ENGINEERS  
ST. PAUL DISTRICT

NOTICE DATE: 20 August 2008

DREDGING CATEGORY: Routine

MEETING DATE: If requested

MEETING TIME:

BOAT REQUIREMENT:

MEETING LOCATION:

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DREDGE CUT NAME: Lock and Dam 4 Lock & Aux Lock Chamber      RIVER MILE: 752.7 – 752.9

HISTORIC DATA

Frequency: 16%

Avg. Quantity/Job: 5,653 yd<sup>3</sup>

Year Last Dredged: 1999

Avg. Quantity/Year: 893 yd<sup>3</sup>

SURVEY DATA

Date Surveyed: 14 August 2008

Water Surface Elevation: 660.4, 667.0

Low Control Pool Elevation: 660.0, 667.0

Net Difference: + 0.4, 0

5-Day River Forecast: No change

DREDGING DATA

Recommended Channel Width: Both chambers are collecting material; the emergency rescue boats and M&R equipment are having difficulty getting in the aux chamber.

Recommended Dredging Depth: 20 feet in lock chamber and 8 feet in aux to accommodate smaller boats.

Estimated Quantity: 3097 yd<sup>3</sup>

Type of Dredge: Govt./Mech.

Proposed Dredging Date: 20 August 2008

Estimated Duration: 20 days

Justification for Dredging: Dredging is necessary due to eliminate humps in lock chamber and due to depths of less than 4 feet in the aux chamber.

MATERIAL PLACEMENT DATA

Proposed Placement Site: Alma Marina

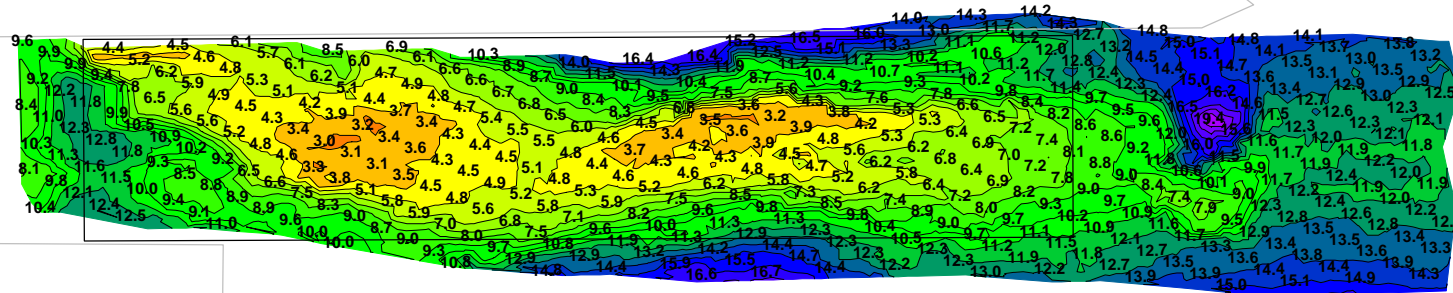
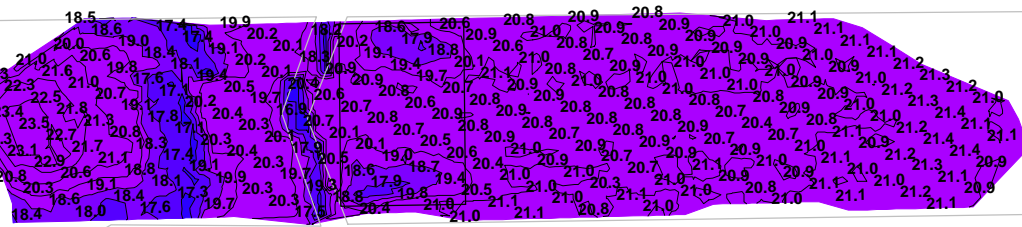
Location: 4-754.0 LWP

Site Characteristics: This is a historically used beneficial use placement site.

If you have any questions concerning this project or request an on-site meeting, please call me at (608)-687-3112.

Dan Cottrell  
Channel Maintenance Coordinator

# LOCK



## AUX CHAMBER

Pool 4, Lock & Dam 4 Lock Chambers, RM 752.7 - 752.9  
Survey Date: 14August2008  
Scale: 1" = 100'